

# THIN IMAGE READING DEVICE

## Abstract

A thin image reading device includes a housing, a lens installed inside the housing for focusing light, a photosensor installed on a first side of the lens for converting light outputted from the lens into digital signals, and a plurality of reflectors installed on a second side of the lens for reflecting light inputted into the image reading device to form a linear optical path in order to guide the light to the photosensor via the lens. In addition, no reflector is installed on the first side of the lens.